

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/720754	US-PGPUB; USPAT	OR	OFF	2006/07/21 15:22
S2	823	defect\$4 with (writ\$4 near4 address)	US-PGPUB; USPAT	OR	OFF	2006/07/26 07:52
S3	1228	(unstable stable stability) with (servo near4 control)	US-PGPUB; USPAT	OR	ON	2006/07/21 15:51
S4	2	S2 and S3	US-PGPUB; USPAT	OR	ON	2006/07/21 15:25
S5	1362	defect\$4 same (writ\$4 near4 address)	US-PGPUB; USPAT	OR	OFF	2006/07/21 15:27
S6	3	S5 and S3	US-PGPUB; USPAT	OR	OFF	2006/07/21 15:27
S7	6855	(unstable stable stability) same servo	US-PGPUB; USPAT	OR	ON	2006/07/21 15:51
S8	17	S5 and S7	US-PGPUB; USPAT	OR	ON	2006/07/24 11:46
S9	124	(writ\$3 with (start\$4 begin\$9) with address) same servo	US-PGPUB; USPAT	OR	ON	2006/07/25 14:31
S10	6	(writ\$3 with (start\$4 begin\$9) with address) same servo same defect\$4	US-PGPUB; USPAT	OR	ON	2006/07/25 11:40
S11	164	(writ\$3 with (start\$4 begin\$9) with address) same defect\$4	US-PGPUB; USPAT	OR	ON	2006/07/25 11:42
S12	42	((writ\$3 with (start\$4 begin\$9) with address) same defect\$4) and servo	US-PGPUB; USPAT	OR	ON	2006/07/26 07:51
S13	55	(writ\$3 with (start\$4 begin\$9) with address) same (detect\$4 and servo)	US-PGPUB; USPAT	OR	ON	2006/07/26 09:20
S14	168	((writ\$3 with (start\$4 begin\$9) with address) same (error defect\$4)) and servo	US-PGPUB; USPAT	OR	ON	2006/07/26 09:21
S15	738	369/47.3 369/47.14 369/53.15	US-PGPUB; USPAT	OR	ON	2006/07/27 15:48
S16	10	S14 and S15	US-PGPUB; USPAT	OR	ON	2006/07/26 08:03
S17	47	(writ\$3 with (start\$4 begin\$9) with address) and S15	US-PGPUB; USPAT	OR	ON	2006/07/26 09:38
S18	46	(writ\$3 with (start\$4 begin\$9) with address) and S15 and (defect\$4 error)	US-PGPUB; USPAT	OR	ON	2006/07/26 09:38
S19	28	(writ\$3 with (start\$4 begin\$9) with address) and S15 and (defect\$4 error) and servo	US-PGPUB; USPAT	OR	ON	2006/07/26 11:45

## EAST Search History

S20	85758	(start\$4 begin\$9) near5 (address header ID identification)	US-PGPUB; USPAT	OR	ON	2006/07/26 11:49
S21	1132358	record\$3 writ\$4	US-PGPUB; USPAT	OR	ON	2006/07/26 11:49
S22	383924	defect\$3	US-PGPUB; USPAT	OR	ON	2006/07/26 11:49
S23	28779	(replac\$4 substitut\$4) near5 (address header ID identification)	US-PGPUB; USPAT	OR	ON	2006/07/26 11:52
S24	27	S20 same S21 same S22 same S23	US-PGPUB; USPAT	OR	ON	2006/07/27 11:26
S25	85913	(start\$4 begin\$9) near5 (address header ID identification)	US-PGPUB; USPAT	OR	ON	2006/07/27 15:46
S26	1134592	record\$3 writ\$4	US-PGPUB; USPAT	OR	ON	2006/07/27 11:26
S27	384526	defect\$3	US-PGPUB; USPAT	OR	ON	2006/07/27 11:26
S28	28840	(replac\$4 substitut\$4) near5 (address header ID identification)	US-PGPUB; USPAT	OR	ON	2006/07/27 11:26
S29	58	(S25 same S26 same S27) and S28 and servo	US-PGPUB; USPAT	OR	ON	2006/07/27 11:29
S30	56	(S25 same S26 same S27) and S28 and (servo with (signal wave\$4 data info\$9))	US-PGPUB; USPAT	OR	ON	2006/07/27 11:51
S31	2	(S25 same S26 same S27 same (detect\$4 with servo with (signal wave\$4 data info\$9))) and S28	US-PGPUB; USPAT	OR	ON	2006/07/27 11:52
S32	188	((record\$3 writ\$4) with ((start\$4 begin\$9) near5 (address header ID identification))) same (servo with (signal wave\$4 data info\$9))	US-PGPUB; USPAT	OR	ON	2006/07/27 18:12
S33	5	(369/47.3 369/47.14 369/53.15) and S32	US-PGPUB; USPAT	OR	ON	2006/07/27 15:48
S34	41	((record\$3 writ\$4) with ((start\$4 begin\$9) near5 (address header ID identification))) same (servo with (signal wave\$4 data info\$9) with (check\$4 detect\$4 monitor\$4))	US-PGPUB; USPAT	OR	ON	2006/08/09 14:13
S35	26	((record\$3 writ\$4) with ((start\$4 begin\$9) near5 (address header ID identification))) same (servo with (signal wave\$4 data info\$9) with (stab\$9 instable unstable))	US-PGPUB; USPAT	OR	ON	2006/08/09 14:07

## EAST Search History

S36	154	((record\$3 writ\$4) with ((start\$4 begin\$9) near5 (address header ID identification subcode mark))) same defect\$4 same (replac\$6 substitute alternate interchange\$4 second other another more)	US-PGPUB; USPAT	OR	ON	2006/07/31 17:39
S37	338	369/53.15	US-PGPUB; USPAT	OR	ON	2006/07/31 12:28
S38	552	369/47.3 369/47.14	US-PGPUB; USPAT	OR	ON	2006/07/31 12:28
S39	33	S36 and (S37 S38)	US-PGPUB; USPAT	OR	ON	2006/07/31 17:31
S40	5871	((record\$3 writ\$4) with ((start\$4 begin\$9) near5 (address header ID identification subcode mark))) same (replac\$6 substitute alternate interchange\$4 second other another more)	US-PGPUB; USPAT	OR	ON	2006/07/31 17:30
S41	338	369/53.15	US-PGPUB; USPAT	OR	ON	2006/07/31 17:31
S42	552	369/47.3 369/47.14	US-PGPUB; USPAT	OR	ON	2006/07/31 17:31
S43	69	S40 and (S41 S42)	US-PGPUB; USPAT	OR	ON	2006/07/31 17:31
S44	3	((record\$3 writ\$4) with ((start\$4 begin\$9) near5 (address header ID identification subcode mark))) same defect\$4 same (replac\$6 substitute alternate interchange\$4 second other another more)) and ((determin\$6 detect\$4 monitor\$4 check\$4) with servo with (stabil\$4 stable unstable instable))	US-PGPUB; USPAT	OR	ON	2006/07/31 17:42
S45	9317	((address ID identification mark header subcode) near7 (stabil\$4 stable unstable instable))	US-PGPUB; USPAT	OR	ON	2006/07/31 17:42
S46	808	((address ID identification mark header subcode) near7 (stabil\$4 stable unstable instable)) and "369"/\$	US-PGPUB; USPAT	OR	ON	2006/07/31 17:44
S47	258	((address ID identification mark header subcode) near7 ((servo signal wave\$4) near5 (stabil\$4 stable unstable instable))) and "369"/\$	US-PGPUB; USPAT	OR	ON	2006/07/31 17:47

## EAST Search History

S48	32	((address ID identification mark header subcode) near7 ((servo and (signal wave\$4)) near5 (stabil\$4 stable unstable instable))) and "369"/\$	US-PGPUB; USPAT	OR	ON	2006/08/01 09:59
S49	1	"20050286378"	US-PGPUB; USPAT	OR	ON	2006/07/31 18:01
S50	176	(369/47.3).ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/01 17:45
S51	45499	(dummy fill\$4) near3 (data info\$9 signal)	US-PGPUB; USPAT	OR	OFF	2006/08/02 16:39
S52	40	S50 and S51	US-PGPUB; USPAT	OR	OFF	2006/08/01 17:46
S53	3169	(writ\$4 record\$4) near2 (start begin\$5) near2 address	US-PGPUB; USPAT	OR	ON	2006/08/01 18:16
S54	21	S51 same S53	US-PGPUB; USPAT	OR	OFF	2006/08/01 18:16
S55	4738	(servo ((track\$4 focus\$4) near2 control\$4)) near5 (stable unstable stabil\$5 instabil\$5)	US-PGPUB; USPAT	OR	ON	2006/08/02 16:40
S56	4	S53 same S55	US-PGPUB; USPAT	OR	OFF	2006/08/01 18:23
S57	90	((dummy fill\$4) near3 (data info\$9 signal)) and "369"/\$ and ((servo ((track\$4 focus\$4) near2 control\$4)) near5 (stable unstable stabil\$5 instabil\$5))	US-PGPUB; USPAT	OR	OFF	2006/08/03 17:10
S58	42	((dummy fill\$4) near3 (data info\$9 signal)) and "369"/\$ and ((servo ((track\$4 focus\$4) near2 control\$4)) near5 (stable unstable stabil\$5 instabil\$5)) and ((start\$4 begin\$4) near5 (address header ID identification subcode mark) with (record\$4 writ\$4))	US-PGPUB; USPAT	OR	OFF	2006/08/03 17:12
S59	242	369/47.3	US-PGPUB; USPAT	OR	OFF	2006/08/09 14:06
S60	324	369/47.14	US-PGPUB; USPAT	OR	OFF	2006/08/09 14:06
S61	342	369/53.15	US-PGPUB; USPAT	OR	OFF	2006/08/09 14:06
S62	1	((record\$3 writ\$4) with ((start\$4 begin\$9) near5 (address header ID identification))) same (((servo track\$4 focus\$4) near2 ((error control\$4) and (data info\$7))) with (stab\$9 instable unstable))	US-PGPUB; USPAT	OR	ON	2006/08/09 14:12

## EAST Search History

S63	92	((record\$3 writ\$4) with ((start\$4 begin\$9) near5 (address header ID identification))) same ((servo track\$4 focus\$4) near2 ((error control\$4) and (data info\$7)))	US-PGPUB; USPAT	OR	ON	2006/08/09 14:11
S64	120	((record\$3 writ\$4) with ((start\$4 begin\$9) near5 (address header ID identification subcode mark))) same ((servo track\$4 focus\$4) near2 ((error control\$4) and (data info\$7)))	US-PGPUB; USPAT	OR	ON	2006/08/09 16:12
S65	4	((record\$3 writ\$4) with ((start\$4 begin\$9) near5 (address header ID identification))) same (((servo track\$4 focus\$4) near2 ((error control\$4) and (data info\$7))) same (stab\$9 instable unstable))	US-PGPUB; USPAT	OR	ON	2006/08/09 14:14
S66	12	((record\$3 writ\$4) with ((start\$4 begin\$9) near5 (address header ID identification))) same (((servo track\$4 focus\$4) near2 ((error control\$4) and (data info\$7))) with (check\$4 detect\$4 monitor\$4))	US-PGPUB; USPAT	OR	ON	2006/08/09 14:14